



भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल
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पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण
एनएएससी काम्प्लैक्स, डीपीएस मार्ग, निकट टोडापुर गांव, नई दिल्ली-110012

PROTECTION OF PLANT VARIETIES & FARMERS' RIGHTS AUTHORITY
NASC COMPLEX, DPS MARG, Opp. Todapur Village, New Delhi-110012



भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल, खण्ड 06, अंक 02
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NASC Complex, DPS Marg, Opp. Todapur Village, New Delhi – 110 012

‘भारतीय पौधा किस्म जर्नल’ पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण (पौ.कि.कृ.अ.सं.प्रा.) का आधिकारिक जर्नल है। पीपीवी और एफआर अधिनियम, 2001 तथा पीपीवी और एफआर नियमावली, 2003 के नियम 2 (जी) के अंतर्गत अध्यक्ष, पीपीवी और एफआर, एनएएससी काम्प्लेक्स (द्वितीय तल), डीपीएस मार्ग, निकट टोडापुर गांव, नई दिल्ली-110012 की ओर से प्राधिकरण के रजिस्ट्रार द्वारा प्रकाशित किया जा रहा है।

Plant Variety Journal of India is the Official Journal of the Protection of Plant Varieties and Farmers' Rights Authority (PPV & FRA) published by the Registrar on behalf of the Chairperson, PPV & FRA, NASC Complex (IInd Floor), DPS Marg, Opp. Todapur Village, New Delhi-110012 under the PPV & FR Act, 2001 and Rule 2 (g) of the PPV & FR Rules, 2003.

PUBLIC NOTICE

Sub: Request for hearing on the issue of whether parental lines (utilized for development of hybrids applied under extant variety category) should be considered as new variety or extant variety.

The above-said issue is posted for hearing on 26th March, 2012 at 11:00 a.m. before Ld. Registrar, Plant Varieties Registry, S-2, 'A' Block, NASC Complex, DPS Marg, New Delhi – 110 012. All the applicants who are concerned/ interested with the above issue may appear and make submissions before the Ld. Registrar on the said date and time. The list of applications containing name of applicant, acknowledgement number and denomination may be forwarded to this office at the earliest.

PUBLIC NOTICE

Sub: Advertisement is given under sub-section (2) and (3) of Section 21 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 and Rules 30 and 31 of PPV & FR Rules, 2003

It is hereby advertised that the application (s) for registration of varieties listed herein have been accepted subject to the condition of fulfillment of provisions under section 19 of the Act read with Rule 29 of PPV&FR Rules, 2003. The passport data of each variety furnished by the applicant are herewith advertised as specified for calling objections from the interested persons in the matter.

The place or places where the specimen of the variety may be inspected can be obtained in writing from the Registrar of the PPV & FR Authority.

Any person may, within three months from the date of advertisement of the application(s) give notice of opposition in writing to the registration of variety (as per Form PV-3 of the First Schedule of PPV&FR Rules, 2003). Oppositions, if any, to the registration must be submitted, in triplicate, to the Registrar, PPV&FRA, NASC Complex, DPS Marg, New Delhi -110 012 accompanied with the fee of Rs.1,500/- (Rupees One Thousand and Five Hundred Only) by way of Demand Draft drawn in favour of "The Registrar, PPV & FR Authority" payable at New Delhi.

FORM O - 1
(See Rule 30)
Government of India, Plant Varieties Registry
ADVERTISEMENT OF ACCEPTED APPLICATION FOR REGISTRATION

1. Application No.

E01	VM01	07	131
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 filed on **01/08/2007** by **Dr. I.S. Halakude**, Research Manager, Nirmal Seeds Private Limited, P.O. Box-63, Bhadgaon Road, Pachora-424201 on behalf of Nirmal Seeds Private Limited, P.O. Box-63, Bhadgaon Road, Pachora-424201 India for a extant (Variety of Common Knowledge) plant variety of crop **Black gram** (*Vigna mungo* (L.) Hepper.) having denomination **NUL-7 (Vishwas)**, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA----- on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA---Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport Data of the variety NUL-7 (Vishwas):

Applicant : Nirmal Seeds Private Limited

Address of the Applicant : Nirmal Seeds Private Limited, P.O. Box-63,
Bhadgaon Road, Pachora-424201 India

Nationality of Applicant : Indian

Application details

a. Number :

E01	VM 01	07	131
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b. Date of receipt : 01/08/2007

c. Date of acceptance : 13/01/2012

Crop (Taxonomical Lineage) : Black gram (*Vigna mungo* (L.) Hepper.)

Denomination : NUL-7 (Vishwas)

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Parent 1: NULS-11-2
Parent 2: NULS-86-2-1

Name of Reference Varieties : TAU-1 and TPU-4

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Time of flowering	Early [Pant U 19, T 9]
Plant :Habit	Determinate [Pant U 19, Pant U 30, T 9]
Seed Size	Large [-]
Pod pubescence	Absent [T9, TAU-2]
Seed lusture	Dull [Uttara, NDU 1]
<p>B. Distinct Characteristics:</p> <p>NUL-7 (Vishwas) has distinguishing characters like early time of flowering, semi erect plant growth habit, absence of stem pubescent and leaf pubescence, lanceolate leaf let shape and large seed size.</p>	

<p>C. Reference varieties:</p> <p>1 TAU-1: It has distinguishing characters like medium time of flowering, spreading plant growth habit, absence of stem pubescent, prescence of leaf pubscence, ovate leaf let shape and medium seed size.</p> <p>2. TPU-4: It has distinguishing characters like medium time of flowering, spreading plant growth habit, prescence of stem pubescent, prescence of leaf pubscence, ovate leaf let shape and medium seed size.</p>
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D. Date of commercialization of the variety	Commercialized since 10 th May 2003
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E. Photographs: (See figure 01a, b and c)

02. Application No.

E129	GH145	09	306
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 filed on 29/06/2009 by **Mr. Santosh Attavar, Managing Director** on behalf of **Indo-American Hybrid Seeds(I) Pvt. Ltd., Banashankari Kengeri Link Road, 7th Kilometer, Channandra, Post Subramanayapura, Bangalore-560 061, State-Karnataka** for a **Extant (Variety of Common Knowledge) plant variety** of crop **Tetraploid Cotton (*Gossypium hirsutum* L.)** having denomination **INDAM-1** the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety INDAM-1:

Applicant : Indo-American Hybrid Seeds(I) Pvt. Ltd.
Address of the Applicant : Banashankari Kengeri Link Road, 7thKilometer, Channandra, Post-Subramanayapura, Bangalore-560 061, State-Karnataka
Nationality of Applicant : Indian

Application details

a. Number :

E129	GH145	09	306
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b. Date of receipt : 29/06/2009
c. Date of acceptance : 20/12/2011
Crop (Taxonomical Lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)

Denomination : INDAM-1

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid Variety

Previously proposed denomination : Not applicable

Name of Parental Material : Parent 1: IACP-38-1-5(*G. hirsutum*)
Parent 2: IACP-38-1-25(*G. hirsutum*)

Name of Reference Varieties : NHH-44 and DHH-11

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Leaf: Shape	Palmate [LRA 5166]
Flower: Petal Colour	Cream [LRA 5166]
Flower: Pollen Colour	Cream[Anjali]
Boll: Shape(Longitudinal Section)	Ovate[Surabhi]
Fibre: Length	Medium [LRA 5166]
<p>B. Distinct Characteristics:</p> <p>INDAM-1 has distinguishing characters like absence of hypocotyl pigmentation, green leaf colour, dense hairiness of leaf, flat appearance of leaf, palmate shape of leaf, dense hairiness of plant stem, cream colour of flower petal, cream colour of flower pollen and ovate boll shape.</p>	
<p>C. Reference Varieties</p> <p>NHH-44 has distinguishing characters like absence of hypocotyl pigmentation, light green leaf colour, medium hairiness of leaf, flat appearance of leaf, palmate shape of leaf, sparse hairiness of plant stem, cream colour of flower petal, cream colour of flower pollen and round boll shape.</p> <p>DHH-11 has distinguishing characters like absence of hypocotyl pigmentation, green leaf colour, medium hairiness of leaf, flat appearance of leaf, palmate shape of leaf, sparse hairiness of plant stem, cream colour of flower petal, cream colour of flower pollen and ovate boll shape.</p>	

D. Date of commercialization of the variety	Commercialized since 05 th May,2005 as Hybrid Sanju (Indam1)
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E. Photographs: (See figure 02a and b)

03. Application No.

E 24	SB37	09	338
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 filed on **19/08/2009** by **Mr. C. Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Ltd., Sy. No. 183, Kompally (Post), Quthbullapur-Mandal, Secunderabad**, on behalf of **Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)** for a **Extant (Variety of Common Knowledge) plant variety** of crop **Sorghum** (*Sorghum bicolor* (L.) Moench) having denomination **NSH-54**, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA----- on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety NSH-54:

Applicant : Nuziveedu Seeds Pvt. Limited
Address of the Applicant : NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)
Nationality of Applicant : Indian

Application details

a. Number :

E 24	SB37	09	338
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b. Date of receipt : 19/08/2009
c. Date of acceptance : 23/09/2011
Crop (Taxonomical Lineage) : Sorghum (*Sorghum bicolor* (L.) Moench)

Denomination : NSH-54

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid Variety

Previously proposed denomination : Not applicable

Name of Parental Material : Parent 1: IC5A 52(NSL Code: NS-516A)
Parent 2: NS-444R

Name of Reference Varieties : CSH 18 and CSH 9

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of Panicle emergence (50% of the plant with complete panicle emergence)	Early [CSH 14]
Plant: Total height at maturity	Medium [RS 673]
Panicle: Shape	Panicle broader in upper part [JJ 741]
Caryopsis: Colour after threshing	Yellow white [Pant Chari 5]
<p>B. Distinct Characteristics:</p> <p>NSH-54 has distinguishing characters like yellow green anthocyanin colouration of coleoptiles at seedling, yellow green anthocyanin colouration of leaf sheath, early time of panicle emergence in plant, absence of yellow colouration of midrib at flag leaf, absence of arista formation at lemma, absence of anthocyanin colouration at stigma, absence of yellow colouration at stigma, medium length of flower with pedicel, yellow white colour of glume, medium total height of plant, long length of panicle without peduncle, semi-compact density of panicle at maturity, panicle broader in upper part, short glume length, freely threshable, yellow white caryopsis after threshing, circular shape of grain in dorsal view and elliptical shape in profile view, very small size of mark of germ at grain, $\frac{3}{4}$ vitreous texture of endosperm in grain and lustrous grain.</p>	

C. Reference varieties:

1. CSH 18 has distinguishing characters like yellow green anthocyanin colouration of coleoptiles at seedling, yellow green anthocyanin colouration of leaf sheath, late time of panicle emergence in plant, presence of yellow colouration of midrib at flag leaf, absence of arista formation at

lemma, absence of anthocyanin colouration at stigma, absence of yellow colouration at stigma, medium length of flower with pedicel, yellow white colour of glume, long total height of plant, medium length of panicle without peduncle, loose density of panicle at maturity, symmetrical panicle, medium glume length, partly threshable, yellow orange caryopsis after threshing, elliptical shape of grain in dorsal view and circular shape in profile view, small size of mark of germ at grain, half vitreous texture of endosperm in grain and lustrous grain.

2. CSH 9 has distinct characters like yellow green anthocyanin colouration of coleoptiles at seedling, yellow green anthocyanin colouration of leaf sheath, medium time of panicle emergence in plant, presence of yellow colouration of midrib at flag leaf, presence of arista formation at lemma, absence of anthocyanin colouration at stigma, presence of yellow colouration at stigma, medium length of flower with pedicel, yellow white colour of glume, medium total height of plant, long length of panicle without peduncle, semi-loose density of panicle at maturity, symmetrical panicle, very short glume length, freely threshable, white caryopsis after threshing, circular shape of grain in dorsal and in profile view, medium size of mark of germ at grain, $\frac{3}{4}$ vitreous texture of endosperm in grain and lustrous grain

D. Date of commercialization of the variety

Commercialized since 2004.

E. Photographs: (See figure 03)

04. Application No.

E 18	PG 26	09	395
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 filed on **22/09/2009** by **Dr. J.C. Rajput, Director of Research** on behalf of **Nirmal Seeds Pvt. Ltd. P.O. Box-63, Bhadgaon Road, Pachora-424201, Dist.-Jalgaon, India** for a **extant (Variety of Common Knowledge) plant variety** of crop **Pearl millet (*Pennisetum glaucum(L.)R. Br.*)** having denomination **Nirmal-40 (NPH-40)** the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA----- on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety Nirmal-40 (NPH-40):

Applicant : Nirmal Seeds Pvt. Ltd.
Address of the Applicant : P.O. Box-63, Bhadgaon Road,
Pachora-424201, Dist.-Jalgaon, India
Nationality of Applicant : Indian
Application details
a. Number :

E 18	PG 26	09	395
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b. Date of receipt : 22/09/2009
c. Date of acceptance : 13/10/2011
Crop (Taxonomical Lineage) : Pearl millet (*Pennisetum glaucum(L.)R. Br.*)
Denomination : Nirmal-40 (NPH-40)
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Hybrid
Previously proposed denomination : Not applicable
Name of Parental Material : Parent 1: N4168A
Parent 2: N5057R
Name of Reference Varieties : Sraddha

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of spike emergence	Late [GHB 316, ICMH 451]
Spike: Anther colour	Yellow [HHB 94, G 73-107, RHRBI 458]
Spike: Shape	Lanceolate [HHB 67]
Seed: Colour	Gray [842B, D 23]
Seed: Shape	Elliptical [--]

B. Distinct Characteristics:

Nirmal-40 (NPH-40) has distinguishing characters like short plant height, long spike length and stay green fodder quality.

C. Reference varieties:

Sraddha has medium plant height, small spike length and faint green fodder quality.

D. Date of commercialization of the variety

Commercialized since 01 June, 2003

E. Photographs: (See figure 04a, b, c, d and e)

05. Application No.

N30	GH171	09	421
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 filed on **06/10/2009** by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Bioseed Research India Pvt. Ltd., Plot No. 206, Road No. 14, Jubilee Hills, Hyderabad-500 033,India** for a **New plant variety** of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **BIO 60254I2** the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety BIO 60254I2:

Applicant : Bioseed Research India Pvt. Ltd.
Address of the Applicant : Plot No. 206, Road No. 14,
Jubilee Hills, Hyderabad-500033,India
Nationality of Applicant : Indian

Application details

a. Number :

N30	GH171	09	421
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b. Date of receipt : 06/10/2009

c. Date of acceptance : 04/04/2011

Crop (Taxonomical Lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)

Denomination : BIO 60254I2

Type of Variety : New

Classification of Variety : Transgenic (Inbred Line)

Previously proposed denomination : Not applicable

Name of Parental Material : Parent 1: 60254
 Parent 2: MTC-512.01

Name of Reference Varieties : LHH-144 and CSHH-198

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Species	<i>Gossypium hirsutum</i>
Leaf: Shape	Palmate [LRA 5166]
Flower: Petal Colour	Cream [LRA 5166]
Flower: Pollen Colour	Cream[Anjali]
Boll: Shape(Longitudinal Section)	Ovate[Surabhi]
Fibre: Length	Medium Long [Anjali]
B. Distinct Characteristics:	
BIO 60254I2 has distinguishing characters like palmate leaf shape, sparse hairiness of plant stem, spreading growth habit of plant, late flowering time with 50% of plants with atleast one open flower, ovate boll shape, small weight of seed cotton/boll, medium fuzzy seed, medium index of seed, medium long fibre length, medium fibre strength and medium fibre fineness.	
C. Reference Varieties	
LHH-144 has distinguishing characters like semi-digitate leaf shape, sparse hairiness of plant	

stem, semi-spreading growth habit of plant, medium flowering time with 50% of plants with atleast one open flower, elliptical boll shape, large weight of seed cotton/boll, medium fuzzy seed, medium index of seed, long fibre length, strong fibre strength and fine fibre fineness.

CSHH-198 has distinguishing characters like palmate leaf shape, smooth hairiness of plant stem, spreading growth habit of plant, late flowering time with 50% of plants with atleast one open flower, ovate boll shape, medium weight of seed cotton/boll, dense fuzzy seed, bold index of seed, long fibre length, medium fibre strength and medium fibre fineness.

D. Date of commercialization of the variety	Exploited for developing hybrid BIO 2113-2 which is under sale since 22 nd April, 2009.
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E. Photographs: (See figure 05a and b)

06. Application No.

E 25	OS 62	09	429
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 filed on **04/01/2011** by **Dr. M.S. Basu, Vice President (PR&D), Krishidhan Seeds Limited, D3 to D6, Additional MIDC Area, Jalna (Maharashtra)**, on behalf of **Krishidhan Seeds Limited, D3 to D6, Additional MIDC Area, Jalna (Maharashtra)** for a **extant (Variety of Common Knowledge) plant variety** of crop **Rice (*Oryza sativa* L.)** having denomination **Silky-277** the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA----- on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety Silky-277:

Applicant : Krishidhan Seeds Limited
Address of the Applicant : D3 to D6, Additional MIDC Area,
Aurangabad Road, Jalna-431 213 (Maharashtra)

Nationality of Applicant : Indian

Application details

a. Number :

E 25	OS 62	09	429
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b. Date of receipt :

15/10/2009

c. Date of acceptance :

02/12/2011

Crop (Taxonomical Lineage) :

Rice (*Oryza sativa* L.)

Denomination :

Silky-277

Type of Variety :

Extant (Variety of Common Knowledge)

Classification of Variety :

Typical

Previously proposed denomination :

Not applicable

Name of Parental Material :

Parent 1: KSL-17-18

Parent 2: SPS-19-3

Name of Reference Varieties :

Pusa-44 and MTU-1010

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Basal Leaf: Sheath Colour	Green [Rasi, Heera]
Time of Heading (50% of plants with panicles)	Medium [Vikas, Triguna]
Stem: Length (excluding panicle :excluding floating rice)	Very Short [Heera]
Decorticated Grain: Length	Medium [Samba Mahsuri]
Decorticated Grain: Shape in lateral view	Medium slender [Samba Mahsuri]
Decorticated Grain: Colour	Light Brown
Endosperm : Content of amylose	Very Low [Hiyokumochi]
Decorticated Grain: Aroma	Absent [Jaya]
B. Distinct Characteristics:	
Silky-277 has distinct characters like strong pubescence on leaf blade surface, medium days to 50% flowering, very short plant height excluding panicle, mostly exerted panicle, medium	

slender grain shape, medium grain length and medium days to maturity.

C. Reference varieties:

1. Pusa-44 has distinct characters like weak pubescence on leaf blade surface, medium days to 50% flowering, very short plant height excluding panicle, mostly exerted panicle, long bold grain shape, long grain length and medium days to maturity.

2. MTU-1010 has distinct characters like weak pubescence on leaf blade surface, early days to 50% flowering, very short plant height excluding panicle, well exerted panicle, long slender grain shape, long grain length and early days to maturity.

D. Date of commercialization of the variety

Commercialized since 19th May 2004.

E. Photographs: (See figure 06a and b)

07. Application No.

N 03	ZM 03	10	049
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 filed on 22/02/2010 by **Mr. C. Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501 401 (A.P.), India** on behalf of **Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India** for a **new plant variety** of crop **Maize** [*Zea mays* L.] having denomination **NSCL-63 (SWEET CORN)**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety NSCL-63 (SWEET CORN):

Applicant : Nuziveedu Seeds Private Limited

Address of the Applicant : NSL ICON, No. 8-2-684/2/A,
Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12,
Banjara Hills, Hyderabad- 500 034 (India)

Nationality of Applicant : Indian

Application details

a. Number :

N 03	ZM 03	10	49
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b. Date of receipt : 22/02/2010

c. Date of acceptance : 20/12/11

Crop (Taxonomical Lineage) : Maize [*Zea mays* L.]

Denomination : NSCL-63 (SWEET CORN)

Type of Variety : New

Classification of Variety : Inbred parental line

Previously proposed denomination : Not applicable

Name of Parental Material : Parent: SWPOP-1-1-3-5-2-1-1-1

Name of Reference Varieties : Win Orange Sweet Corn and Priya Sweet Corn

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Tassel : Time of anthesis	Medium [HKI 323]
Ear : Time of silk emergence (50% of plant)	Medium [HKI 323]
Ear : Anthocyanin colouration of silks	Absent [HKI 1025]
Plant : Length	Medium [HKI 323]
Ear : Type of grain	Dent [HM 5]
B. Distinct Characteristics:	
NSCL-63 (SWEET CORN) has distinguishing characters like medium tassel time of anthesis (on middle third of main axis, 50% plant), dense tassel density of spikelets (in middle third of main axis), medium plant length (up to flag leaf), narrow leaf width of blade (leaf of upper ear),	

medium ear length (without husk) and orange ear colour of top of grain.

C. Reference varieties:

1. WIN Orange Sweet Corn: It has distinguishing characters like medium time of anthesis (on middle third of main axis, 50 % of plants), sparse tassel density of spike lets (in middle third of main axis), medium plant length (up to flag leaf), medium leaf width of blade (leaf of upper ear), long ear length (without husk) and yellow ear colour of top of grain.

2. Priya Sweet Corn: It has distinguishing characters like early time of anthesis (on middle third of main axis, 50 % of plants), sparse tassel density of spike lets (in middle third of main axis), long plant length (up to flag leaf), medium leaf width of blade (leaf of upper ear), medium ear length (without husk) and orange ear colour of top of grain.

D. Date of commercialization of the variety	Exploited for developing hybrid NSCH-12 (SWEET CORN) which is under sale since 14 th June 2010.
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E. Photographs: (See figure 07a, b, c and d)

08. Application No.

N04	PG 04	10	063
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 filed on **08/03/2010** by **Dr. B.S. Dahiya, Chief Coordinator, R& D, Kaveri Seed Company Limited** on behalf of **M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India** for a **new plant variety** of crop **Pearl millet** [*Pennisetum glaucum* (L.)R. Br.] having denomination **KBR 864**, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA----- on ---
---NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA---

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport Data of the variety KBR 864:

Applicant : Kaveri Seed Company Limited
Address of the Applicant : M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India

Nationality of Applicant : Indian

Application details

a. Number :

N04	PG 04	10	063
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b. Date of receipt : 08/03/2010

c. Date of acceptance : 20/10/2011

Crop (Taxonomical Lineage) : Pearl millet [*Pennisetum glaucum* (L.)R. Br.]

Denomination : KBR 864

Type of Variety : New

Classification of Variety : Typical (Inbred)

Previously proposed denomination : Not applicable

Name of Parental Material : Parent 1: KBR 653
Parent 2: Selection from IPC 98 [(NW 15-18)-44-8]

Name of Reference Varieties : HTP 94/54 & PIB 1234

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant time of spike emergence	Late [GHB 316, ICMH 451]
Anther: Colour	Brown [842 B, 81 B]
Spike : Shape	Conical [842 B, ICMP 423, ICMH 356]
Seed : Colour	Cream[-]
Seed : Shape	Globular [843 B, HHB 67]
B. Distinct Characteristics:	
KBR 864 has distinguishing characters like intermediate plant growth habit, brown colour of	

spike anther, green plant internode pigmentation, absence of spike tip sterility, cream seed colour and medium seed weight of 1000 grains (g).

C. Reference varieties:

1. HTP 94/54: It has distinguishing characters like erect plant growth habit, yellow colour of spike anther, green plant internode pigmentation, presence of spike tip sterility, yellow seed colour and medium seed weight of 1000 grains (g).

2. PIB 1234: It has distinguishing characters like intermediate plant growth habit, yellow colour of spike anther, green plant internode pigmentation, presence of spike tip sterility, yellow brown seed colour and small seed weight of 1000 grains (g).

D. Date of commercialization of the variety	Not commercialized.
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E. Photographs: (See figure 08a and b)

09. Application No.

N22	SM22	10	408
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 filed on 23/12/2010 by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), India** for a **New plant variety** of crop **Brinjal/ Eggplant** (*Solanum melongena* L.) having denomination **MEBH 39-Improved** the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety MEBH 39-Improved:

Applicant : Maharashtra Hybrid Seeds Company Limited
Address of the Applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road,
Mumbai-400 020 (Maharashtra)

Nationality of Applicant : Indian

Application details

a. Number :

N22	SM22	10	408
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b. Date of receipt : 23/12/2010

c. Date of acceptance : 28/11/2011

Crop (Taxonomical Lineage) : Brinjal/ Eggplant (*Solanum melongena* L.)

Denomination : MEBH 39-Improved

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination : Not applicable

Name of Parental Material : Parent 1: B-1318
Parent 2: B-1481

Name of Reference Varieties : Pragati and Mohini

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Fruit: Length	Short [Uttara, Aruna]
Fruit: Diameter	Small [Uttara, Arka Nidhi]
Fruit: General shape	Ovoid [Pusa Ankur, Bhagyamati]
Fruit: Colour of skin at commercial harvesting	Purple [Arka Nidhi, Pusa Purple Long]
Fruit: Stripes	Absent [Arka Keshav]
Fruit: Colour of calyx	Green [Arka Kusumakar, Arka Shirish]
B. Distinct Characteristics:	

MEBH-39-Improved has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls, purple leaf blade colour, medium intensity of leaf blade colour, purple colour of leaf vein, medium intensity of colour of leaf veins, more than three number of flowers in inflorescence, late flowering, small fruit diameter, obovate fruit general shape, absence of fruit stripes, medium creasing of calyx in fruit, whitish colour of fruit flesh, semi-spreading plant growth habit and brown colour of fruit skin at physiological maturity.

C. Reference Varieties

Pragati has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls, green leaf blade colour, dark intensity of leaf blade colour, purple colour of leaf vein, dark intensity of colour of leaf veins, more than three number of flowers in inflorescence, medium flowering, small fruit diameter, obovate fruit general shape, absence of fruit stripes, weak creasing of calyx in fruit, whitish colour of fruit flesh, semi-spreading plant growth habit and brown colour of fruit skin at physiological maturity.

Mohini has distinguishing characters like absence of seedling anthocyanin colouration of hypocotyls, green leaf blade colour, medium intensity of leaf blade colour, green colour of leaf vein, light intensity of colour of leaf veins, 1-3 number of flowers in inflorescence, early flowering, medium fruit diameter, ovoid fruit general shape, presence of fruit stripes, medium creasing of calyx in fruit, greenish colour of fruit flesh, erect plant growth habit and yellow colour of fruit skin at physiological maturity

D. Date of commercialization of the variety

Commercialized since 30th January 2010 as HY. EGGPLANT RAVAIYA

E. Photographs: (See figure 09)

10. Application No.

N17	LL17	10	457
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 filed on 27/12/2010 by **Dr. S.K. Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi** on behalf of **Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)** for a **New plant variety** of crop **Tomato** [*Lycopersicon lycopersicum* (L.) Karsten ex. Farw] having denomination **ANVITHA-1032**, the specification

includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety ANVITHA-1032:

Applicant : Nuziveedu Seeds Pvt. Limited

Address of the Applicant : NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N17	LL17	10	457
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b. Date of receipt : 27/12/2010

c. Date of acceptance : 26/12/2011

Crop (Taxonomical Lineage) : Tomato [*Lycopersicon lycopersicum*(L.) Karsten ex.Farw]

Denomination : ANVITHA-1032

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1:BA-1006

Parent 2: BA-1021

Name of Reference Varieties : Laxmi (5005) & Ruchi

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Growth type	Determinate [Hisar Arun]
Leaflet: Serration	Less serrated [Kashi Shard]

Fruit: Green shoulder(before maturity)	Absent [Kashi Anupam]
Fruit: Shape	Flattened [Hisar Lalima]
Fruit: Colour at maturity	Red [Kashi Vishesh]

B. Distinct Characteristics:

ANVITHA-1032 has distinguishing characters like long stem length of internodes between 1st and 4th inflorescence, medium intensity of green colour in fruit (before maturity) and 3-4 number of locules in the fruit.

C. Reference varieties:

1. Laxmi (5005): It has distinguishing characters like light intensity of green colour in fruit (before maturity) and >4 number of locules in the fruit.

2. Ruchi: It has distinguishing characters like dark intensity of green colour in fruit (before maturity) and >4 number of locules in the fruit.

D. Date of commercialization of the variety	Commercialized since 08 th July 2010 as ANVITHA-1032-P10G
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E. Photographs: (See figure 10a, b and c)

11. Application No.

N12	BB12	10	459
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 filed on 27/12/2010 by **Dr. S.K.Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi** on behalf of **Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)** for a **New plant variety** of crop **Cauliflower** [*Brassica oleracea* L.var. *Botrytis*] having denomination **HOT QUEEN**, the specification includes its drawing and or photograph(s) which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceedings under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety HOT QUEEN:

Applicant : Nuziveedu Seeds Pvt. Limited
Address of the Applicant : NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor,
 Opp. ICICI Bank, Road No. 12, Banjara Hills,
 Hyderabad-500034 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N12	BB12	10	459
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 b. Date of receipt : 27/12/2010
 c. Date of acceptance : 26/12/2011

Crop (Taxonomical Lineage) : Cauliflower [*Brassica oleracea* L.var. *Botrytis*]

Denomination : HOT QUEEN

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: NCFD-60
 Parent 2: NCFD-83

Name of Reference Varieties : Pusa Early Synthetic, Pusa Deepali,

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Seedling: Anthocyanin coloration of hypocotyls	Absent [Pusa Deepali]
Curd: Covering by inner leaves	Not covered [Pusa Deepali, Kashi Kunwari, Pusa Himjyoti, Pusa Meghna, Pusa Kartik Sankar, Pusa Early Synthetic]
Curd: Shape in Longitudinal Section	Broad Elliptic [Pusa Snowball K-1, Pusa Snowball K-25, Pusa Sharad, Kashi Aghani,

	Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic]
Curd: Maturity Group	Early [Pusa Deepali, Pusa Meghna, Pusa Early Synthetic, Kashi Kunwari, Pusa Kartik Sankar]

B. Distinct Characteristics:

HOT QUEEN has distinguishing characters like elliptical leaf shape, light waxiness of leaf, medium torsion of tip of leaf, concave profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd partly covered by inner leaves, broad elliptical shape of curd in longitudinal section, medium doming of curd, medium compactness of curd, yellow flower color and medium stalk length of flower.

C. Reference varieties:

1. Pusa Early Synthetic: It has distinguishing characters like narrow elliptical leaf shape, absence of waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd not covered by inner leaves, narrow elliptical shape of curd in longitudinal section, weak doming of curd, loose compactness of curd, creamy white flower color and medium stalk length of flower..

2. Pusa Deepali: It has distinguishing characters like elliptical leaf shape, light waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, medium crimping of leaf near main vein, curd not covered by inner leaves, narrow elliptical shape of curd in longitudinal section, medium doming of curd, medium compactness of curd, creamy white flower color and short stalk length of flower..

D. Date of commercialization of the variety	Commercialized since 06 th July 2010.
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E. Photographs: (See figure 11)

12. Application No.

N15	BB15	10	462
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 filed on **27/12/2010** by **Dr. S.K.Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi** on behalf of **Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara**

Hills, Hyderabad-500034 (A.P.) for a **New plant variety** of crop **Cauliflower** [*Brassica oleracea* L.var. *Botrytis*] having denomination **NCFD-56**, the specification includes its drawing and or photograph(s) which are given below, has been accepted and given registration number ---
-----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceedings under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety NCFD-56:

Applicant : Nuziveedu Seeds Pvt. Limited

Address of the Applicant : NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor,
Opp. ICICI Bank, Road No. 12, Banjara Hills,
Hyderabad-500034 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number	:	N15	BB15	10	462
b. Date of receipt	:	27/12/2010			
c. Date of acceptance	:	26/12/2011			

Crop (Taxonomical Lineage) : Cauliflower [*Brassica oleracea* L.var. *Botrytis*]

Denomination : NCFD-56

Type of Variety : New

Classification of Variety : Parental Line

Previously proposed denomination : NA

Name of Parental Material : NCFD-56 (SIC Male Parent) (HBD-56-3-1-3-4-3)

Name of Reference Varieties : Pusa Early Synthetic and Pusa Deepali

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
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Seedling: Anthocyanin coloration of hypocotyls	Absent [Pusa Deepali]
Curd: Covering by inner leaves	Partly covered [Pusa Sharad, Kashi Aghani, Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic]
Curd: Shape in Longitudinal Section	Broad Elliptic [Pusa Snowball K-1, Pusa Snowball K-25, Pusa Sharad, Kashi Aghani, Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic]
Curd: Maturity Group	Early [Pusa Deepali, Pusa Meghna, Pusa Early Synthetic, Kashi Kunwari, Pusa Kartik Sankar]

B. Distinct Characteristics:

NCFD-56 has distinguishing characters like bluish green color of leaf, medium waxiness of leaf, medium torsion of tip of leaf, concave profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd partly covered by inner leaves, medium doming of curd, medium compactness of curd, yellow flower color and short stalk length of flower.

C. Reference varieties:

1. Pusa Early Synthetic: It has distinguishing characters like dark green color of leaf, absence of waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd not covered by inner leaves, weak doming of curd, loose compactness of curd, creamy white flower color and medium stalk length of flower.

2. Pusa Deepali: It has distinguishing characters like light green color of leaf, light waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, medium crimping of leaf near main vein, curd not covered by inner leaves, medium doming of curd, medium compactness of curd, creamy white flower color and short stalk length of flower.

D. Date of commercialization of the variety	Not commercialized
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E. Photographs: (See figure 12)

13. Application No.

N17	BB17	10	467
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 filed on 27/12/2010 by Dr. S.K.Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.) for a New plant variety of crop Cauliflower [*Brassica oleracea* L.var. *Botrytis*] having denomination NCFD-53, the specification includes its drawing and or photograph(s) which are given below, has been accepted and given registration number ---NA-----on -----NA-----.

The convention application no. ---NA-----, in respect of the said variety has been filed on ---NA-----, in ---NA-----.

Appropriate office for the opposition of proceedings under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety NCFD-53:

Applicant : Nuziveedu Seeds Pvt. Limited

Address of the Applicant : NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor,
Opp. ICICI Bank, Road No. 12, Banjara Hills,
Hyderabad-500034 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N17	BB17	10	467
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b. Date of receipt : 27/12/2010

c. Date of acceptance : 26/12/2011

Crop (Taxonomical Lineage) : Cauliflower [*Brassica oleracea* L.var. *Botrytis*]

Denomination : NCFD-53

Type of Variety : New

Classification of Variety : Parental Line

Previously proposed denomination : NA

Name of Parental Material : NCFD-53 (SI Female Parent) (PNKD-53-1-4-3-4-5)

Name of Reference Varieties : Pusa Early Synthetic
Pusa Deepali

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Seedling:Anthocyanin coloration of hypocotyls	Absent [Pusa Deepali]
Curd: Covering by inner leaves	Partly covered [Pusa Sharad, Kashi Aghani, Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic]
Curd: Shape in Longitudinal Section	Broad Elliptic [Pusa Snowball K-1, Pusa Snowball K-25,Pusa Sharad, Kashi Aghani, Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic]
Curd: Maturity Group	Early [Pusa Deepali, Pusa Meghna, Pusa Early Synthetic, Kashi Kunwari, Pusa Kartik Sankar]
<p>B. Distinct Characteristics:</p> <p>NCFD-53 has distinguishing characters like bluish green color of leaf, medium waxiness of leaf, medium torsion of tip of leaf, concave profile of upper side of blade of leaf, absence of crimping of leaf near main vein, curd partly covered by inner leaves, weak doming of curd, medium compactness of curd, yellow flower color and short stalk length of flower.</p>	
<p>C. Reference varieties:</p> <p>1. Pusa Early Synthetic: It has distinguishing characters like dark green of leaf, absence of waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd not covered by inner leaves, weak doming of curd, loose compactness of curd, creamy white flower color and medium stalk length of flower.</p> <p>2. Pusa Deepali: It has distinguishing characters like light green color of leaf, light waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, medium crimping of leaf near main vein, curd not covered by inner leaves, medium doming of curd, medium compactness of curd, creamy white flower color and short stalk length of flower.</p>	
D. Date of commercialization of the variety	Not commercialized.

E. Photographs: (See figure 13)

14. Application No.

N18	LL18	10	473
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 filed on 28/12/2010 by **Dr. S.K. Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi** on behalf of **Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)** for a **New plant variety** of crop **Tomato** [*Lycopersicon lycopersicum* (L.) Karsten ex. Farw] having denomination **IMPROVE BHAGYA**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety IMPROVE BHAGYA:

Applicant : Nuziveedu Seeds Pvt. Limited

Address of the Applicant : NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N18	LL18	10	473
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b. Date of receipt : 28/12/2010

c. Date of acceptance : 26/12/2011

Crop (Taxonomical Lineage) : Tomato [*Lycopersicon lycopersicum*(L.) Karsten ex.Farw]

Denomination : IMPROVE BHAGYA

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination: NA

Name of Parental Material : Parent 1: FN-9005

Parent 2: FN-9031

Name of Reference Varieties : LAXMI (5005) and RUCHI

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant : Growth type	Determinate [Hisar Arun]
Leaflet : Serration	Less serrated [Kashi Sharad]
Fruit : Green shoulder(before maturity)	Absent [Kashi Anupam]
Fruit : Shape	Flattened [Hisar Lalima]
Fruit : Colour at maturity	Red [Kashi Vishesh]
B. Distinct Characteristics: IMPROVE BHAGYA has distinguishing characters like medium intensity of green colour in fruit (before maturity), medium ribbing at peduncle end of fruit and 3-4 number of locules in the fruit.	
C. Reference varieties: 1. Laxmi (5005): It has distinguishing characters like light intensity of green colour in fruit (before maturity), weak ribbing at peduncle end of fruit and >4 number of locules in the fruit. 2. RUCHI: It has distinguishing characters like dark intensity of green colour in fruit (before maturity), strong ribbing at peduncle end of fruit and >4 number of locules in the fruit.	
D. Date of commercialization of the variety	Commercialized since 29/06/2010 as BHAGYA-IMP2802 P10G

E. Photographs: (See figure 14a and b)

15. Application No.

N22	LL22	10	483
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 filed on 28/12/2010 by Dr. S.K. Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.) for a New plant variety of crop Tomato

[*Lycopersicon lycopersicum* (L.) Karsten ex. Farw] having denomination **IMPROVE SHREYA**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety IMPROVE SHREYA:

Applicant : Nuziveedu Seeds Pvt. Limited

Address of the Applicant :NSL ICON,No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N22	LL22	10	483
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b. Date of receipt : 28/12/2010

c. Date of acceptance : 26/12/2011

Crop (Taxonomical Lineage) : Tomato [*Lycopersicon lycopersicum*(L.) Karsten ex.Farw]

Denomination : IMPROVE SHREYA

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination: NA

Name of Parental Material : Parent 1: NTF-9045

Parent 2: NTM-62

Name of Reference Varieties : JK DESI & ANNAPURNA

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
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Plant : Growth type	Determinate [Hisar Arun]
Leaflet : Serration	Highly serrated [Hisar Arun]
Fruit : Green shoulder(before maturity)	Present [Flora Dade]
Fruit : Shape	Flattened [Hisar Lalima]
Fruit : Colour at maturity	Red [Kashi Vishesh]

B. Distinct Characteristics:

IMPROVE SHREYA has distinguishing characters like medium stem length of internodes between 1st and 4th inflorescence, strong ribbing at peduncle end of fruit, large size of core in cross section of fruit and medium firmness of fruit.

C. Reference varieties:

- JK DESI:** It has distinguishing characters like medium ribbing at peduncle end of fruit, large size of core in cross section of fruit and soft firmness of fruit.
- ANNAPURNA:** It has distinguishing characters like strong ribbing at peduncle end of fruit and soft firmness of fruit.

D. Date of commercialization of the variety	Commercialized since 20 th November 2010 as SHRIYA-IMP-P 10G
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E. Photographs: (See figure 15a and b)

16. Application No.

E 2	AE 2	11	28
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 filed on **04/01/2011** by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), India** for a **extant (Variety of Common Knowledge) plant variety** of crop **Okra (*Abelmoschus esculentus* L. Moench)** having denomination **MHOK 64**, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA----- on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety MHOK 64:

Applicant : Maharashtra Hybrid Seeds Company Limited
Address of the Applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road,
 Mumbai-400 020 (Maharashtra)

Nationality of Applicant : Indian

Application details

a. Number :

E 2	AE 2	11	28
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b. Date of receipt : 04/01/2011

c. Date of acceptance : 04/11/2011

Crop (Taxonomical Lineage) : Okra (*Abelmoschus esculentus* L. Moench)

Denomination : MHOK 64

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: O-836
 Parent 2: O-837

Name of Reference Varieties : MHOK 10 and S 152

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Stem: Colour	Green [Kashi Vibhuti]
Leaf Blade : Depth of lobing	Deep [Varsha Uphar]
Stem : Number of nodes at first flowering	Few <5 [No.315]
Fruit: Colour	Green [SB-8]

Fruit: Number of locules	<6 [Kashi Vihbuti]
Plant: Number of branches	Medium[Parbhani Kranti, Hisar Unnat]
B. Distinct Characteristics: MHOK 64 has distinct characters like deep depth of lobing on leaf blade, medium time of 50% flowering of the plants with atleast one open flower, flat surface between ridges of fruits, and long length of physiologically mature fruit.	
C. Reference varieties: MHOK 10: It has distinguishing characters like medium depth of lobing on leaf blade, medium time of 50% flowering of the plants with atleast one open flower, concave surface between ridges of fruits, and long length of physiologically mature fruit. S 152: It has distinguishing characters like medium depth of lobing on leaf blade, late time of 50% flowering of the plants with atleast one open flower, flat surface between ridges of fruits, and medium length of physiologically mature fruit.	
D. Date of commercialization of the variety	Commercialized since 30 th November 2009 as Bhendi Hy. No. 64

E. Photographs: (See figure 16)

17. Application No.

E 3	AE 3	11	30
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 filed on **04/01/2011** by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), India** for a **Extant (Variety of Common Knowledge) plant variety** of crop **Okra (*Abelmoschus esculentus* L. Moench)** having denomination **MHOK 55**, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA----- on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety MHOK 55:

Applicant : Maharashtra Hybrid Seeds Company Limited
Address of the Applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road,
Mumbai-400 020 (Maharashtra)

Nationality of Applicant : Indian

Application details

a. Number :

E 3	AE 3	11	30
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b. Date of receipt : 04/01/2011

c. Date of acceptance : 04/11/2011

Crop (Taxonomical Lineage) : Okra (*Abelmoschus esculentus* L. Moench)

Denomination : MHOK 55

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: O-838
Parent 2: O-839

Name of Reference Varieties : MHOK 10 and S 152

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Stem: Colour	Green [Kashi Vibhuti]
Leaf Blade : Depth of lobing	Medium [Pusa Sawani]
Stem : Number of nodes at first flowering	Few <5 [No.315]
Fruit: Colour	Green [SB-8]

Fruit: Number of locules	<6 [Kashi Vihbuti]
Plant: Number of branches	Medium[Parbhani Kranti, Hisar Unnat]

B. Distinct Characteristics:

MHOK 55 has distinct characters like purple flower petal base colour inside only and flat surface between ridges and narrow acute fruit shape of apex.

C. Reference varieties:

MHOK 10: It has distinguishing characters like purple flower petal base colour on both sides, concave surface between ridges and narrow acute fruit shape of apex.

S 152: It has distinguishing characters like purple flower petal base colour on both sides, flat surface between ridges and acute fruit shape of apex.

D. Date of commercialization of the variety	Commercialized since 28 th November, 2009 sold as Bhendi Hy. No. 55
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E. Photographs: (See figure 17)

18. Application No.

E 15	LL15	11	41
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 filed on **04/01/2011** by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), India** for a **extant (Variety of Common Knowledge) plant variety** of crop **Tomato** [*Lycopersicon lycopersicum* (L.) Karsten ex.Farw] having denomination **MHTM 256**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

having denomination **MHTM 256** the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA----- on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety MHTM 256:

Applicant : Maharashtra Hybrid Seeds Company Limited
Address of the Applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road,
 Mumbai-400 020 (Maharashtra)

Nationality of Applicant : Indian

Application details

a. Number :

E 15	LL15	11	41
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b. Date of receipt : 04/01/2011

c. Date of acceptance : 22/12/2011

Crop (Taxonomical Lineage) : Tomato [*Lycopersicon lycopersicum*(L.)Karsten ex.Farw]

Denomination : MHTM 256

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: T 465
 Parent 2: T 1363

Name of Reference Varieties : Laxmi and US 618

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant : Growth type	Determinant [Hisar Arun]
Leaflet : Serration	Less serrated [Kashi Sharad]
Fruit : Green shoulder(before maturity)	Absent [Kashi Anupam]
Fruit : Shape in longitudinal section	Circular[Kashi Vishesh]
Fruit : Colour at maturity	Red [Kashi Vishesh]

B. Distinct Characteristics:

MHTM 256 has distinguishing characters like open leaf structure, horizontal leaf attitude in relation to main stem in middle third of plant, horizontal leaf attitude of petioles in relation to main axis, absence of fruit green shoulder before maturity, circular fruit shape in longitudinal section, medium fruit ribbing at peduncle, pointed fruit shape at blossom end, more than four numbers of locules in fruit and red fruit colour at maturity.

C. Reference varieties:

1. Laxmi: It has distinguishing characters like open leaf structure, drooping leaf attitude in relation to main stem in middle third of plant, semi-erect leaf attitude of petioles in relation to main axis, absence of fruit green shoulder before maturity, slightly flattened fruit shape in longitudinal section, medium fruit ribbing at peduncle, flat shape of fruit at blossom end, more than four numbers of locules in fruit and pink fruit colour at maturity.

2. US 618: It has distinguishing characters like intermediate leaf structure, drooping leaf attitude in relation to main stem in middle third of plant, semi-erect leaf attitude of petioles in relation to main axis, presence of fruit green shoulder before maturity, slightly flattened fruit shape in longitudinal section, absence of fruit ribbing at peduncle, flat shape of fruit at blossom end, 3-4 numbers of locules in fruit and red fruit colour at maturity.

D. Date of commercialization of the variety

Commercialized since 04th December 2003.

E. Photographs: (See figure 18)

19. Application No.

E 16	LL16	11	42
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 filed on 04/01/2011 by **Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), India** for a **extant (Variety of Common Knowledge) plant variety** of crop **Tomato** [*Lycopersicon lycopersicum* (L.) Karsten ex.Farw] having denomination **MHTM 301**, the specification

includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety MHTM 301:

Applicant : Maharashtra Hybrid Seeds Company Limited
Address of the Applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road,
Mumbai-400 020 (Maharashtra)

Nationality of Applicant : Indian

Application details

a. Number :

E 16	LL16	11	42
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b. Date of receipt : 04/01/2011

c. Date of acceptance : 07/12/2011

Crop (Taxonomical Lineage) : Tomato [*Lycopersicon lycopersicum*(L.)Karsten ex.Farw]

Denomination : MHTM 301

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1G 262
Parent 2: ToLCV 87

Name of Reference Varieties : Laxmi and US 618

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
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Plant : Growth type	Determinate [Hisar Arun]
Leaflet : Serration	Less serrated [Kashi Sharad]
Fruit : Green shoulder(before maturity)	Present [Flora Dade]
Fruit : Shape in longitudinal section	Heart Shaped
Fruit : Colour at maturity	Red [Kashi Vishesh]

B. Distinct Characteristics:

MHTM 301 has distinguishing characters like medium width of leaflet, intermediate structure of leaflet, semi-erect leaf attitude in relation to main stem, multi-lobed flower stigma, presence of green fruit shoulder, heart- shaped fruit in longitudinal section, weak ribbing at peduncle end of fruit, medium depression of fruit at peduncle, more than four number of locules in the fruit and red colour fruit at maturity.

C. Reference varieties:

1. US 618: It has distinguishing characters like medium width of leaflet, intermediate structure of leaflet, drooping leaf attitude in relation to main stem, bilobed flower stigma, presence of green fruit shoulder, slightly flattened fruit in longitudinal section, absence of ribbing at peduncle end of fruit, , shallow depression of fruit at peduncle, three to four number of locules in the fruit and red colour fruit at maturity.

2. Laxmi: It has distinguishing characters like narrow width of leaflet, open structure of leaflet, drooping leaf attitude in relation to main stem, bilobed flower stigma, absence of green fruit shoulder, slightly flattened fruit in longitudinal section, medium ribbing at peduncle end of fruit, shallow depression of fruit at peduncle, more than four number of locules in the fruit and pink colour fruit at maturity.

D. Date of commercialization of the variety	Commercialized since 16 th October 2008.
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E. Photographs: (See figure 19)

20. Application No.

E17	SM17	11	45
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 Filed by **Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on

behalf of **Sungro Seeds Research Limited, 3rd Floor, Manish Chsmbers, B.N. Block, Local Shopping Centre, Shalimar Bagh, Delhi-110088, India** for a **Extant (Variety of Common Knowledge) plant variety** of crop **Brinjal/ Eggplant** (*Solanum melongena* L.) having denomination **SBJH-801**, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety SBJH-801:

Applicant : Sungro Seeds Research Limited
Address of the Applicant : 3rd Floor, Manish Chsmbers, B.N. Block, Local Shopping Centre, Shalimar Bagh, Delhi-110088, India

Nationality of Applicant : Indian

Application details

a. Number :

E17	SM17	11	45
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b. Date of receipt : 04/01/2011

c. Date of acceptance : 17/11/2011

Crop (Taxonomical Lineage) : Brinjal/ Eggplant (*Solanum melongena* L.)

Denomination : SBJH-801

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: SBL 100141
Parent 2: SBL 110141

Name of Reference Varieties : BB-44 and Arka Kusumakar

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Fruit: Length	Medium[Kashi Taru, Arka Shirish]
Fruit: Diameter	Medium[Pant Rituraj, Jabalpur Brinjal-15]
Fruit: General shape	Obovate[Swarna Shree, Swarna Shyamali]
Fruit: Colour of skin at commercial harvesting	Green [Arka Kusumakar, Arka Shirish]
Fruit: Stripes	Absent [Arka Keshav]
Fruit: Colour of calyx	Green [Arka Kusumakar, Arka Shirish]
<p>B. Distinct Characteristics:</p> <p>SBJH-801 has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls in seedling, presence of anthocyanin colouration on stem, purple colour of flower, medium flowering time, medium fruit diameter, obovate fruit shape, indented apex of fruits , medium intensity of green colour of fruit skin, presence of fruit patches and solitary fruiting pattern.</p>	
<p>C. Reference Varieties</p> <p>BB-44 has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls in seedling, absence of anthocyanin colouration on stem, dark purple colour of flower, late flowering time, small fruit diameter, obovate fruit shape, indented apex of fruits , dark intensity of green colour of fruit skin, presence of fruit patches and solitary fruiting pattern.</p> <p>Arka Kusumakar has distinguishing characters like absence of seedling anthocyanin colouration of hypocotyls in seedling, absence of anthocyanin colouration on stem, greenish white colour of flower, late flowering time, small fruit diameter, cylindrical fruit shape, flattened apex of fruits , dark intensity of green colour of fruit skin, absence of fruit patches and cluster fruiting pattern.</p>	

D. Date of commercialization of the variety	Commercialized since 13 th July 2007 as Hyb. No. 801
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E. Photographs: (See figure 20)

21. Application No.

E20	SM20	11	49
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 filed by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Sungro Seeds Research Limited, 3rd Floor, Manish Chsmbers, B.N. Block, Local Shopping Centre, Shalimar Bagh, Delhi-110088, India** for a **Extant (Variety of Common Knowledge) plant variety** of crop **Brinjal/ Eggplant (*Solanum melongena* L.)** having denomination **SBJH-033**, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety SBJH-033:

Applicant : Sungro Seeds Research Limited
Address of the Applicant : 3rd Floor, Manish Chsmbers, B.N. Block, Local Shopping Centre, Shalimar Bagh, Delhi-110088, India
Nationality of Applicant : Indian

Application details

a. Number :

E20	SM20	11	49
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b. Date of receipt : 04/01/2011
c. Date of acceptance : 17/11/2011
Crop (Taxonomical Lineage) : Brinjal/ Eggplant (*Solanum melongena* L.)

Denomination : SBJH-033

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: SBL 100120
Parent 2: SBL 110120

Name of Reference Varieties : PH-5 and Pusa Kranti

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Fruit: Length	Long[Arka Nidhi, Pusa Purple Long]
Fruit: Diameter	Small[Uttara, Arka Nidhi]
Fruit: General shape	Cylindrical[Arka Keshav]
Fruit: Colour of skin at commercial harvesting	Purple [Arka Nidhi, Pusa Purple Long]
Fruit: Stripes	Absent [Arka Keshav]
Fruit: Colour of calyx	Purple [Arka Kusumakar, Arka Shirish]
<p>B. Distinct Characteristics:</p> <p>SBJH-033 has distinguishing characters like absence of seedling anthocyanin colouration of hypocotyls in seedling, weak intensity of anthocyanin colouration on stem, entire leaf margin, green leaf blade colour, light purple flower colour, early flowering time, long fruit length, small fruit diameter, cylindrical fruit shape , green calyx of fruit, absence of spininess of calyx, solitary fruiting pattern and yellow colour of fruit skin</p>	
<p>C. Reference Varieties</p> <p>PH-5 has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls in seedling, very strong intensity of anthocyanin colouration on stem, dentate leaf margin, purple leaf blade colour, dark purple flower colour, medium flowering time, medium fruit length, small fruit diameter, ellipsoid fruit shape, purple calyx of fruit, weak spininess of</p>	

calyx, mixed fruiting pattern and brown colour of fruit skin.

Pusa Kranti has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls in seedling, medium intensity of anthocyanin colouration on stem, dentate leaf margin, purple leaf blade colour, purple flower colour, medium flowering time, long fruit length, ellipsoid fruit shape, green calyx of fruit, absence of spininess of calyx, solitary fruiting pattern and brown colour of fruit skin.

D. Date of commercialization of the variety	Commercialized since 26 th April 2004 as Hybrid No. 33
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E. Photographs: (See figure 21)

22. Application No.

E 21	SM 21	11	51
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 filed on **04/01/2011** by **Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Sungro Seeds Research Limited , 3rd Floor, Manish Chambers, B.N. Block, Local Shopping Centre, Shalimar Bag, Delhi- 110 088, India** for a **extant (Variety of Common Knowledge) plant variety** of crop **Brinjal/Eggplant** [*Solanum melongena* L.] having denomination **SBJH-123-IMPROVED**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety SBJH-123-IMPROVED:

Applicant : Sungro Seeds Research Limited

Address of the Applicant : 3rd Floor, Manish Chambers, B.N.Block, Local Shopping Centre, Shalimar Bag, Delhi-110 088 (India)

Nationality of Applicant : Indian

Application detailsa. Number :

E21	SM 21	11	051
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b. Date of receipt : 04/01/2011

c. Date of acceptance : 22/12/2011

Crop (Taxonomical Lineage) : Eggplant [*Solanum melongena* L.]**Denomination** : SBJH-123-IMPROVED**Type of Variety** : Extant (Variety of Common Knowledge)**Classification of Variety** : Hybrid**Previously proposed****denomination** : NA**Name of Parental Material** : Parent 1: SBL 100113

Parent 2: SBL 110113

Name of Reference Varieties : PH-5 & Pusa Kranti**Variety Description:**

A. Group Characteristics	Remarks measured values, example varieties, etc.
Fruit : Length	Medium [Swarna, Prathibha]
Fruit : Diameter	Medium [Pant Rituraj, Jabalpur Brinjal-15]
Fruit : General shape	Club shaped [Pusa Purple, Clucter, Swetha]
Fruit : Colour of skin at commercial harvesting	Purple [Arka Nidhi, Pusa Purple Long]
Fruit : Stripes	Absent [Arka Keshav]
Fruit : Colour of calyx	Purple [Pusa Purple Long, Pusa Bindu]
B. Distinct Characteristics:	
<p>SBJH-123- IMPROVED has distinguishing characters like strong stem intensity of anthocyanin colouration, purple flower colour, medium fruit length and fruit diameter, club shaped fruit general shape, rounded fruit shape of apex, purple fruit colour of calyx, weak intensity of colour of calyx, absence of fruit spininess of calyx and solitary fruiting pattern.</p>	

C. Reference varieties:

1. **PH-5** : It has distinguishing characters like very strong stem intensity of anthocyanin colouration, dark purple purple flower colour, medium fruit length, small fruit diameter, ellipsoid fruit general shape, rounded fruit shape of apex, purple fruit colour of calyx, medium intensity of colour of calyx, weak fruit spinescence of calyx and mixed fruiting pattern.

2. **Pusa Kranti**: It has distinguishing characters like medium stem intensity of anthocyanin colouration, purple flower colour, long fruit length, medium fruit diameter, ellipsoid shaped fruit general shape, flattened fruit shape of apex, green fruit colour of calyx, medium intensity of colour of calyx, absence of fruit spinescence of calyx and solitary fruiting pattern.

D. Date of commercialization of the variety	Exploited for developing PK-123 (Improved) which is under sale since 31 st March 2004.
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E. Photographs: (See figure 22)

23. Application No.

E 29	SM 29	11	059
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 filed on **04/01/2011** by **Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Sungro Seeds Research Limited , 3rd Floor, Manish Chambers, B.N. Block, Local Shopping Centre, Shalimar Bag, Delhi- 110 088, India** for a **extant (Variety of Common Knowledge) plant variety** of crop **Brinjal/Eggplant** [*Solanum melongena* L.] having denomination **SBJH-305**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----
-NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety SBJH-305:

Applicant : Sungro Seeds Research Limited

Address of the Applicant : 3rd Floor, Manish Chambers, B.N.Block, Local Shopping Centre, Shalimar Bag, Delhi-110 088 (India)

Nationality of Applicant : Indian

Application details

a. Number :

E29	SM 29	11	059
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b. Date of receipt : 04/01/2011

c. Date of acceptance : 17/11/2011

Crop (Taxonomical Lineage) : Brinjal/Eggplant [*Solanum melongena* L.]

Denomination : SBJH-305

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed

denomination : NA

Name of Parental Material : Parent 1: SBL 100146

Parent 2: SBL 110146

Name of Reference Varieties : Blue Star & H-8

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Fruit : Length	Medium [Swarna, Prathibha]
Fruit : Diameter	Medium [Pant Rituraj, Jabalpur Brinjal-15]
Fruit : General shape	Obovate [Swarna Shree, Swarna Shyamali]
Fruit : Colour of skin at commercial harvesting	Purple [Arka Nidhi, Pusa Purple Long]
Fruit : Stripes	Absent [Arka Keshav]
Fruit : Colour of calyx	Purple [Pusa Purple Long, Pusa Bindu]
B. Distinct Characteristics:	
SBJH-305 has distinguishing characters like medium stem intensity of anthocyanin colouration, medium stem pubescence, dentate leaf margin, dark leaf intensity of colour of blade, green leaf colour of veins, medium intensity of colour of veins, purple flower colour, medium fruit	

diameter, large fruit length/ diameter, obovate fruit general shape, indented fruit shape of apex, medium fruit intensity of purple colour of skin, presence of fruit patches, weak intensity of fruit colour of calyx, absence of fruit spininess of calyx, mixed fruiting pattern and semi spreading plant growth habit.

C. Reference varieties:

1. Blue Star: It has distinguishing characters like strong stem intensity of anthocyanin colouration, weak stem pubescence, sinuate leaf margin, medium leaf intensity of colour of blade, purple leaf colour of veins, medium leaf intensity of colour of vein, purple flower colour, medium fruit diameter, medium fruit length/ diameter, obovate fruit general shape, indented fruit shape of apex, medium fruit intensity of purple colour of skin, presence of fruit patches, weak intensity of fruit colour of calyx, absence of fruit spininess of calyx, mixed fruiting pattern and semi spreading plant growth habit.

2. H-8: It has distinguishing characters like like strong stem intensity of anthocyanin colouration, strong stem pubescence, denate leaf margin, medium leaf intensity of colour of blade, purple leaf colour of veins, dark leaf intensity of colour of vein, dark purple flower colour, large fruit diameter, large fruit length/ diameter, globular fruit general shape, flattened fruit shape of apex, dark fruit intensity of purple colour of skin, absence of fruit patches, strong intensity of fruit colour of calyx, weak fruit spininess of calyx, solitary fruiting pattern and spreading plant growth habit.

D. Date of commercialization of the variety	Commercialized since 25 th June 2007 as Hybrid No. 305.
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E. Photographs: (See figure 23)

24. Application No.

N 01	ZM 01	11	092
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 filed on **24/01/2011** by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Monsanto India Limited, 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai- 400093 India** for a **new plant variety** of crop **Maize** [*Zea Mays* L.] having denomination **IG 8011**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety IG 8011:

Applicant : M/s Monsanto India Limited

Address of the Applicant : 5th Floor, Ahura Centre, 96, Mahakali Caves Road,
Andheri (East), Mumbai-400093 (Maharashtra), India

Nationality of Applicant : USA

Application details

a. Number :

N 01	ZM01	11	092
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b. Date of receipt : 24/01/2011

c. Date of acceptance : 17/11/2011

Crop (Taxonomical Lineage) : Maize [*Zea mays* L.]

Denomination : IG 8011

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed

denomination : NA

Name of Parental Material : Parent 1: D 8118 Z

Parent 2: B 1630 Z

Parent 3: D 0423 Z

Name of Reference Varieties : DKC 9081 and 900 M Gold

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Tassel : Time of anthesis	Late[HKI 1126]
Ear: Time of silk emergence	Late[HKI 1126]
Ear: Anthocyanin colouration of silks	Absent[HKI 1025]

Plant: Length	Very long[African tall]
Ear: Type of grain	Semi dent [HKI 1344]

B. Distinct Characteristics:

IG 8011 has distinguishing characters like absence of tassel anthocyanin colouration of base of glume (in middle third of main axis), absence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), absence of tassel anthocyanin colouration of anthers(in middle third of main axis), straight tassel attitude of lateral branches, semi flint ear type of grain (in middle third of ear) and light purple ear anthocyanin colouration of glumes of cob.

C. Reference varieties:

1. DKC 9081: It has distinguishing characters like absence of tassel anthocyanin colouration of base of glume (in middle third of main axis), presence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), presence of tassel anthocyanin colouration of anthers(in middle third of main axis), straight tassel attitude of lateral branches, dent ear type of grain (in middle third of ear) and dark purple ear anthocyanin colouration of glumes of cob.

2. 900 M Gold: It has distinguishing characters like presence of tassel anthocyanin colouration of base of glume (in middle third of main axis), presence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), presence of tassel anthocyanin colouration of anthers(in middle third of main axis), curved tassel attitude of lateral branches, dent ear type of grain (in middle third of ear) and white ear anthocyanin colouration of glumes of cob.

D. Date of commercialization of the variety	Not commercialized.
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E. Photographs: (See figure 24a, b and c)

25. Application No.

N 03	ZM03	11	094
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 filed on 24/01/2011 by **Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Monsanto India Limited, 5th Floor, Ahura Centre, 96,**

Mahakali Caves Road, Andheri (East), Mumbai- 400093 India for a **new plant variety** of crop **Maize** [*Zea Mays* L.] having denomination **IG 8006**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety IG 8006:

Applicant : M/s Monsanto India Limited
Address of the Applicant : 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400093 (Maharashtra), India

Nationality of Applicant : USA

Application details

a. Number :

N 03	ZM03	11	094
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b. Date of receipt : 24/01/2011
c. Date of acceptance : 17/11/2011

Crop (Taxonomical Lineage) : Maize [*Zea mays* L.]

Denomination : IG 8006

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: D 9411 Z
Parent 2: D 8118 Z

Name of Reference Varieties : PINNACLE & 900 M Gold

Variety Description:

A. Group Characteristics	Remarks measured values, example
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	varieties, etc.
Tassel : Time of anthesis	Late[HKI 1126]
Ear: Time of silk emergence	Late[HKI 1126]
Ear: Anthocyanin colouration of silks	Absent[HKI 1025]
Plant: Length	Very long[African tall]
Ear: Type of grain	Semi dent [HKI 1344]

B. Distinct Characteristics:

IG 8006 has distinguishing characters like small leaf angle between blade and stem (on leaf just above the upper ear), straight leaf attitude of blade (on leaf just above upper ear), presence of stem anthocyanin colouration of brace roots, absence of tassel anthocyanin colouration of base of glume (in middle third of main axis), absence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), absence of tassel anthocyanin colouration of anthers(in middle third of main axis), dense tassel density of spikelets (in middle third of main axis), curved tassel attitude of lateral branches (in lower third of tassel), absence of ear anthocyanin colouration of silks, semi flint ear type of grain (in middle third of ear) and white ear anthocyanin colouration of glumes of cob.

C. Reference varieties:

1. PINNACLE : It has distinguishing characters like like wide leaf angle between blade and stem (on leaf just above the upper ear), drooping leaf attitude of blade (on leaf just above upper ear), absence of stem anthocyanin colouration of brace roots, absence of tassel anthocyanin colouration of base of glume (in middle third of main axis), absence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), presence of tassel anthocyanin colouration of anthers(in middle third of main axis), sparse tassel density of spikelets (in middle third of main axis), straight tassel attitude of lateral branches (in lower third of tassel), presence of ear anthocyanin colouration of silks, dent ear type of grain (in middle third of ear) and light purple ear anthocyanin colouration of glumes of cob.

2. 900 M Gold: It has distinguishing characters like wide leaf angle between blade and stem (on leaf just above the upper ear), drooping leaf attitude of blade (on leaf just above upper ear), absence of stem anthocyanin colouration of brace roots, presence of tassel anthocyanin colouration of base of glume (in middle third of main axis), presence of tassel anthocyanin

colouration of glumes excluding base (in middle third of main axis), presence of tassel anthocyanin colouration of anthers(in middle third of main axis), dense tassel density of spikelets (in middle third of main axis), curved tassel attitude of lateral branches (in lower third of tassel), absence of ear anthocyanin colouration of silks, semi flint ear type of grain (in middle third of ear) and white ear anthocyanin colouration of glumes of cob.

D. Date of commercialization of the variety	Not commercialized
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E. Photographs: (See figure 25a, b and c)

26. Application No.

E 05	AE 09	11	095
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 filed on 24/01/2011 by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Bioseed Research India Private Limited, Plot No. 206, Road No. 14, Jubilee Hills, Hyderabad- 500 033, India** for a extant (**Variety of Common Knowledge**) plant variety of crop **Okra** [*Abelmoschus esculentus* (L.) Moench.] having denomination **BIO 228 H**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety BIO 228 H:

Applicant : M/s Bioseed Research India Private Limited
Address of the Applicant : Plot No. 206, Road No. 14, Jubilee Hills
Hyderabad- 500 033, India
Nationality of Applicant : Indian

Application details

a. Number :

E 05	AE09	11	095
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b. Date of receipt : 24/01/2011

c. Date of acceptance : 01/12/2011

Crop (Taxonomical Lineage) : Okra [*Abelmoschus esculentus* (L.) Moench.]

Denomination : BIO 228 H

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed

denomination : NA

Name of Parental Material : Parent 1: 62216
Parent 2: 62459

Name of Reference Varieties : Arka Anamika & Arka Vibhuti

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Stem: Colour	Green [Kashi Vibhuti]
Leaf blade: Depth of lobing	Medium [Kashi Vibhuti]
Stem : Number of nodes at first flowering	Medium [Kashi Vibhuti]
Fruit: Colour	Green [SB-8]
Fruit : Number of locules	<6 [Kashi Vibhuti]
Plant: Number of branches	Many [Prabhani Kranti/ Hisar Unnat]

B. Distinct Characteristics:

BIO 228 H has distinguishing characters like medium leaf blade depth of lobing, large blade length, large blade width, strong leaf blade serration of margin, dark leaf blade intensity of colour between veins, large flower length, large flower diameter (at the top of the flower) and green fruit colour.

C. Reference varieties:

1. Arka Anamika : It has distinguishing characters like medium leaf blade depth of lobing, medium blade length, medium blade width, medium leaf blade serration of margin, medium leaf

blade intensity of colour between veins, medium flower length, medium flower diameter (at the top of the flower) and light green fruit colour.

2. **Kashi Vibhuti:** It has distinguishing characters like shallow leaf blade depth of lobing, medium blade length, medium blade width, medium leaf blade serration of margin, medium leaf blade intensity of colour between veins medium flower length, medium flower diameter (at the top of the flower) and light green fruit colour.

D. Date of commercialization of the variety	Commercialized since 16 th February 2008.
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E. Photographs: (See figure 26)

27. Application No.

N3	LL32	11	154
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 filed on **22/02/2011** by **Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093** for a **new plant variety** of crop **Tomato** [*Lycopersicon lycopersicum* (L.) Karsten ex. Farw] having denomination **RX15660814**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety RX15660814:

Applicant : Monsanto Holdings Pvt. Ltd.

Address of the Applicant : 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400 093

Nationality of Applicant : Indian

Application details

N3	LL32	11	154
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a. Number :
 b. Date of receipt : 22/02/2011
 c. Date of acceptance : 16/01/2012
Crop (Taxonomical Lineage) : Tomato [*Lycopersicon lycopersicum*(L.) Karsten ex.Farw]
Denomination : RX15660814
Type of Variety : New
Classification of Variety : Hybrid
Previously proposed Denomination: NA
Name of Parental Material : Parent 1: FDR-9P06067
 Parent 2: FDR-16-2125
Name of Reference Varieties : Lakshmi & S-22

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant : Growth type	Determinate [Hisar Arun]
Leaflet : Serration	Less serrated [Kashi Shard]
Fruit : Green shoulder(before maturity)	Absent [Kashi Anupam]
Fruit : Shape in longitudinal section	Slightly Flattened [Kashi Anupam]
Fruit : Colour at maturity	Red [Kashi Vishesh]

B. Distinct Characteristics:
RX15660814 has distinguishing characters like medium anthocyanin coloration of upper third portion of stem, less serrated leaflet, medium time of flowering, bilobed flower stigma, large fruit size, slightly flattened shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, flat shape of fruit at blossom end, 3-4 number of locules of fruit and medium time of maturity.

C. Reference varieties:
1. Lakshmi has distinguishing characters like weak anthocyanin coloration of upper third portion of stem, less serrated leaflet, early time of flowering, unilobed flower stigma, large fruit size, slightly flattened shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, flat shape of fruit at blossom end, >4 number of locules of fruit and early time of maturity.
2. S-22 has distinguishing characters like medium anthocyanin coloration of upper third portion

of stem, highly serrated leaflet, medium time of flowering, unilobed flower stigma, medium fruit size, flattened shape of fruit in longitudinal section, strong ribbing at peduncle end of fruit, indented to flat shape of fruit at blossom end, >4 number of locules of fruit and medium time of maturity.

D. Date of commercialization of the variety	Not commercialized.
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E. Photographs: (See figure 27a and b)

28. Application No.

N4	LL33	11	155
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 filed on **22/02/2011** by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093** for a **new plant variety** of crop **Tomato** [*Lycopersicon lycopersicum* (L.) Karsten ex. Farw] having denomination **RX15640414**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety RX15640414:

Applicant : Monsanto Holdings Pvt. Ltd.

Address of the Applicant : 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400 093

Nationality of Applicant : Indian

Application details

a. Number :

N4	LL33	11	155
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b. Date of receipt : 22/02/2011

c. Date of acceptance : 16/01/2012

Crop (Taxonomical Lineage) : Tomato [*Lycopersicon lycopersicum*(L.) Karsten ex.Farw]

Denomination : RX15640414

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed Denomination: NA

Name of Parental Material : Parent 1: FDR-9P06215
Parent 2: FDR-877-2332

Name of Reference Varieties : US-618 and PKM-1

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant : Growth type	Determinate [Hisar Arun]
Leaflet : Serration	Highly serrated [Hisar Arun]
Fruit : Green shoulder(before maturity)	Present [Flora Dade]
Fruit : Shape in longitudinal section	Slightly flattened [Kashi Anupam]
Fruit : Colour at maturity	Red [Kashi Vishesh]

B. Distinct Characteristics:

RX15640414 has distinguishing characters like medium anthocyanin coloration of upper third portion of stem, long length of leaf, intermediate leaf structure, medium calyx size of flower, medium time of flowering, very large fruit size, medium fruit length, medium fruit width, slightly flattened shape of fruit in longitudinal section, medium ribbing at peduncle end of fruit, thick pericarp of fruit, 3-4 number of locules of fruit and medium firmness of fruit.

C. Reference varieties:

1. US-618 has distinguishing characters like medium anthocyanin coloration of upper third portion of stem, long length of leaf, intermediate leaf structure, large calyx size of flower, medium time of flowering, large fruit size, small fruit length, medium fruit width, flattened shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, thick pericarp of fruit, 3-4 number of locules of fruit and medium firmness of fruit.

2. PKM-1 has distinguishing characters like strong anthocyanin coloration of upper third portion

of stem, medium length of leaf, closed leaf structure, medium calyx size of flower, early time of flowering, medium fruit size, small fruit length, small fruit width, flattened shape of fruit in longitudinal section, strong ribbing at peduncle end of fruit, medium pericarp of fruit, >4 number of locules of fruit and soft firmness of fruit.

D. Date of commercialization of the variety	Not Commercialized
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E. Photographs: (See figure 28a and b)

29. Application No.

N5	LL34	11	156
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 filed on 22/02/2011 by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093** for a **new plant variety** of crop **Tomato** [*Lycopersicon lycopersicum* (L.) Karsten ex. Farw] having denomination **RX15672356**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety RX15672356:

Applicant : Monsanto Holdings Pvt. Ltd.
Address of the Applicant : 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400 093
Nationality of Applicant : Indian

Application details

a. Number

N5	LL34	11	156
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b. Date of receipt : 22/02/2011
c. Date of acceptance : 16/01/2012
Crop (Taxonomical Lineage) : Tomato [*Lycopersicon lycopersicum*(L.) Karsten ex.Farw]
Denomination : RX15672356
Type of Variety : New
Classification of Variety : Hybrid
Previously proposed Denomination: NA
Name of Parental Material : Parent 1: FDS 156-0191
Parent 2: FDS-9P06140
Name of Reference Varieties : Shaktiman and All Rounder

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant : Growth type	Determinante [Hisar Arun]
Leaflet : Serration	Less serrated [Kashi Shard]
Fruit : Green shoulder(before maturity)	Absent [Kashi Anupam]
Fruit : Shape in longitudinal section	Obovoid [Kashi Sharad]
Fruit : Colour at maturity	Red [Kashi Vishesh]
<p>B. Distinct Characteristics: RX15672356 has distinguishing characters like light intensity of green colour of leaf, less serrated leaflet, intermediate leaf structure, horizontal attitude of leaf in relation to main stem, horizontal attitude of petioles of leaflets in relation to main axis, uniparous type of inflorescence, unilobe stigma of flower, medium time of flowering, light intensity of green colour in fruit, very large size of fruit, medium fruit width, obovoid shape of fruit in longitudinal section, absence of ribbing at peduncle end of fruit and medium time of maturity.</p>	

<p>C. Reference varieties: 1. Shaktiman has distinguishing characters like dark intensity of green colour of leaf, less serrated leaflet, intermediate leaf structure, semi-erect attitude of leaf in relation to main stem, semi-erect attitude of petioles of leaflets in relation to main axis, uniparous type of</p>

inflorescence, unilobe stigma of flower, early time of flowering, medium intensity of green colour in fruit, large size of fruit, small fruit width, ovoid shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit and medium time of maturity.

2. All Rounder has distinguishing characters like light intensity of green colour of leaf, highly serrated leaflet, open leaf structure, drooping attitude of leaf in relation to main stem, semi-drooping attitude of petioles of leaflets in relation to main axis, intermediate type of inflorescence, bilobed stigma of flower, early time of flowering, light intensity of green colour in fruit, large size of fruit, medium fruit width, obovoid shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit and early time of maturity.

D. Date of commercialization of the variety	Not Commercialized
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E. Photographs: (See figure 29a and b)

30. Application No.

N6	LL35	11	157
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 filed on **22/02/2011** by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093** for a **new plant variety** of crop **Tomato** [*Lycopersicon lycopersicum* (L.) Karsten ex. Farw] having denomination **RX15660635**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety RX15660635:

Applicant : Monsanto Holdings Pvt. Ltd.

Address of the Applicant : 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400 093

Nationality of Applicant : Indian

Application details

a. Number :

N6	LL35	11	157
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b. Date of receipt : 22/02/2011

c. Date of acceptance : 16/01/2012

Crop (Taxonomical Lineage) : Tomato [*Lycopersicon lycopersicum*(L.) Karsten ex.Farw]

Denomination : RX15660635

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed Denomination: NA

Name of Parental Material : Parent 1: FDS-9P06183

Parent 2: FDS-9P06132

Name of Reference Varieties : Shaktiman and TO-1389

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant : Growth type	Determinate [Hisar Arun]
Leaflet : Serration	Less serrated [Kashi Shard]
Fruit : Green shoulder(before maturity)	Absent [Kashi Anupam]
Fruit : Shape in longitudinal section	Obovoid [Kashi Sharad]
Fruit : Colour at maturity	Red [Kashi Vishesh]

B. Distinct Characteristics:

RX15660635 has distinguishing characters like medium intensity of green colour of leaf, less serrated leaflet, uniparous type of inflorescence, presence of pubescence of flower, unilobed flower stigma, obovoid shape of fruit in longitudinal section, absence of ribbing at peduncle end of fruit, medium size of scar around peduncle in fruit and 2 number of locules in fruit.

C. Reference varieties:

1. Shaktiman has distinguishing characters like dark intensity of green colour of leaf, less

serrated leaflet, uniparous type of inflorescence, presence of pubescence of flower, unilobed flower stigma, ovoid shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, small size of scar around peduncle in fruit and 3-4 number of locules in fruit.

2. TO-1389 has distinguishing characters like medium intensity of green colour of leaf, highly serrated leaflet, intermediate type of inflorescence, absence of pubescence of flower, bilobed flower stigma, ovoid shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, small size of scar around peduncle in fruit and 3-4 numbers of locules in fruit.

D. Date of commercialization of the variety	Not commercialized.
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E. Photographs: (See figure 30a and b)

31. Application No.

N1	BB5	11	171
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 filed on **25/02/2011** by **Dr. Malathi Lakshmikumar, Lakshmikumar & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093** for a **New plant variety** of crop **Cauliflower [*Brassica oleracea* L.var. *botrytis*]** having denomination **RX10950175**, the specification includes its drawing and or photograph(s) which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceedings under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety RX10950175:

Applicant : Monsanto Holdings Pvt. Ltd.

Address of the Applicant : 5th Floor, Ahura Centre, 96, Mahakali Caves Road,
Andheri (East), Mumbai-400 093

Nationality of Applicant : Indian

Application details

a. Number

:

N1	BB5	11	171
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b. Date of receipt

: 25/02/2011

c. Date of acceptance

: 16/01/2012

Crop (Taxonomical Lineage) : Cauliflower [*Brassica oleracea* L.var. *botrytis*]

Denomination : RX10950175

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination: NA

Name of Parental Material : Parent 1: CTR-56-4007A

Parent 2: CTR-109-0585B

Name of Reference Varieties : First Early & White Shot

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Seedling: Anthocyanin coloration of hypocotyls	Present [Pusa Snowball K-1, Pusa Snowball K -25]
Curd: Covering by inner leaves	Not covered [Pusa Deepali, Kashi Kunwari, Pusa Himjyoti, Pusa Meghna, Pusa Kartik Sankar, Pusa Early Synthetic]
Curd: Shape in Longitudinal Section	Circular [Pusa Himjyoti]
Maturity Group	Early [Pusa Deepali, Pusa Meghna, Pusa Early Synthetic, Kashi Kunwari, Pusa Kartik Sankar]

B. Distinct Characteristics:

RX10950175 has distinguishing characters like medium leaf width, light green leaf colour, absence of torsion of tip of leaf, early curd initiation, curd not covered by inner leaves, medium curd polar diameter, circular shape of curd in longitudinal section, medium curd knobbing, coarse texture of curd and medium compactness of curd.

C. Reference varieties:

1. First Early : It has distinguishing characters like narrow leaf width, dark green leaf colour, weak torsion of tip of leaf, medium curd initiation, curd not covered by inner leaves, small curd polar diameter, broad elliptical shape of curd in longitudinal section, fine curd knobbing, fine texture of curd and compact compactness of curd.

2. White Shot : It has distinguishing characters like like narrow leaf width, dark green leaf colour, weak torsion of tip of leaf, medium curd initiation, curd partly covered by inner leaves, medium curd polar diameter, broad elliptical shape of curd in longitudinal section, medium curd knobbing, coarse texture of curd and medium compactness of curd.

D. Date of commercialization of the variety	Not commercialized.
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E. Photographs: (See figure 31)

32. Application No.

N 03	TA 03	11	255
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 filed on **01/06/2011** by **Director, Indian Agricultural Research Institute, New Delhi– 110012, India** on behalf of **Indian Council of Agricultural Research (ICAR), Krishi Bhawan, New Delhi- 110 114, India** for a **new plant variety** of crop **Bread wheat** [*Triticum aestivum* L.] having denomination **HD 2985 (PUSA BASANT)**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety HD 2985 (PUSA BASANT):

Applicant : Indian Council of Agricultural Research (ICAR)

Address of the Applicant : Krishi Bhawan, New Delhi-110014

Nationality of Applicant : Indian

Application details

a. Number :

N03	TA 03	11	255
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b. Date of receipt : 01/06/2011

c. Date of acceptance : 01/12/2011

Crop (Taxonomical Lineage) : Bread wheat [*Triticum aestivum* L.]

Denomination : HD 2985 (PUSA BASANT)

Type of Variety : New

Classification of Variety : Typical

Previously proposed

denomination : NA

Name of Parental Material : PBW 343/PASTOR

Name of Reference Varieties : DBW 14 & HUW 234

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Flag leaf: Anthocyanin colouration of auricle	Absent [AKW 1071, CPAN 3004]
Time of ear emergence	Medium [AKW 1071, HD 2281]
Plant length	Medium [HD 2009, DL 784-3]
Awn or scurs : Presence	Awns present [PBW 322, PBW 343]
Outer glume: Pubescence	Absent [AKW 381]
Ear : Colour	White[HD 2009, AKW 1071]
Season type	Spring type [PBW 373, PBW 322]
Grain hardness	Hard [NP 4/K 68]
B. Distinct Characteristics:	
HD 2985 (PUSA BASANT) has distinguishing characters like semi erect plant growth habit, green foliage colour, semi- erect flag leaf attitude, absence of outer glume pubescence, medium plant length, medium ear density, long beak length, straight lower glume beak shape and medium seed size (weight of 1000 grains).	

C. Reference varieties:

1. **DBW 14:** It has distinguishing characters like semi erect plant growth habit, green foliage colour, drooping flag leaf attitude, absence of outer glume pubescence, medium plant length, medium ear density, long beak length, straight lower glume beak shape and bold seed size (weight of 1000 grains).

2. **PBW 65:** It has distinguishing characters like semi erect plant growth habit, green foliage colour, drooping flag leaf attitude, absence of outer glume pubescence, tall plant length, medium ear density, medium beak length, square lower glume beak shape and medium seed size (weight of 1000 grains).

D. Date of commercialization of the variety	Commercialized since 25 th March 2011.
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E. Photographs: (Not provided)

33. Application No.

N04	TA 04	11	256
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 filed on **01/06/2011** by **Director, Indian Agricultural Research Institute, New Delhi– 110012, India** on behalf of **Indian Council of Agricultural Research (ICAR), Krishi Bhawan, New Delhi- 110 114, India** for a **new plant variety** of crop **Bread wheat**[*Triticum aestivum* L.] having denomination **HD 2987 (PUSA BAHAR)**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety HD 2987 (PUSA BAHAR):

Applicant : Indian Council of Agricultural Research (ICAR)

Address of the Applicant : Krishi Bhawan, New Delhi-110014

Nationality of Applicant : Indian

Application details

a. Number

N04	TA 04	11	256
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b. Date of receipt

: 01/06/2011

c. Date of acceptance

: 01/12/2011

Crop (Taxonomical Lineage): Bread wheat [*Triticum aestivum* L.]**Denomination**

: HD 2987 (PUSA BAHAR)

Type of Variety

: New

Classification of Variety

: Typical

Previously proposed**denomination**

: NA

Name of Parental Material

: HI 1011/HD 2348/MENDOS/IWP 72/DL 153-2

Name of Reference Varieties

: NI 5439 & HD 2189

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Flag leaf: Anthocyanin colouration of auricle	Absent [AKW 1071, CPAN 3004]
Time of ear emergence	Early [Sonalika, DL 788-2]
Plant length	Short[HD 1941, K 816]
Awn or scurs : Presence	Awns present [PBW 322, PBW 343]
Outer glume: Pubescence	Absent [AKW 381]
Ear : Colour	White[HD 2009, AKW 1071]
Season type	Spring type [PBW 373, PBW 322]
Grain hardness	Hard [NP 4, K 68]
B. Distinct Characteristics:	
<p>HD 2987 (PUSA BAHAR) has distinguishing characters like semi erect plant growth habit, green foliage colour, semi- erect flag leaf attitude, absence of outer glume pubescence, short plant length, medium ear density, medium beak length, straight lower glume beak shape and medium seed size (weight of 1000 grains).</p>	

C. Reference varieties:

1. NI 5439: It has distinguishing characters like intermediate plant growth habit, green foliage

colour, semi erect flag leaf attitude, absence of outer glume pubescence, tall plant length, medium ear density, medium beak length, strongly curved lower glume beak shape and medium seed size (weight of 1000 grains).

2. **HD 2189**: It has distinguishing characters like semi erect plant growth habit, green foliage colour, semi drooping flag leaf attitude, absence of outer glume pubescence, tall plant length, medium ear density, medium beak length, moderately curved lower glume beak shape and medium seed size (weight of 1000 grains).

D. Date of commercialization of the variety

Commercialized since 25th March 2011.

E. Photographs: (Not provided)

34. Application No.

N05	TA 05	11	257
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 filed on **01/06/2011** by **Director, Indian Agricultural Research Institute, New Delhi- 110012, India** on behalf of **Indian Council of Agricultural Research (ICAR), Krishi Bhawan, New Delhi- 110 114, India** for a **new plant variety** of crop **Bread wheat** [*Triticum aestivum* L.] having denomination **HD 2967**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety HD 2967:

Applicant : Indian Council of Agricultural Research (ICAR)

Address of the Applicant : Krishi Bhawan, New Delhi-110001

Nationality of Applicant : Indian

Application details

N05	TA 05	11	257
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a. Number :
 b. Date of receipt : 01/06/2011
 c. Date of acceptance : 01/12/2011
Crop (Taxonomical Lineage) : Bread wheat [*Triticum aestivum* L.]
Denomination : HD 2967
Type of Variety : New
Classification of Variety : Typical
Previously proposed denomination : NA
Name of Parental Material : ALD/COC/URESH/HD 2160 M/HD 2278
Name of Reference Varieties : PBW 343 & HD 2687

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Flag leaf: Anthocyanin colouration of auricle	Absent [AKW 1071, CPAN 3004]
Time of ear emergence	Medium [AKW 1071, HD 2281]
Plant length	Medium[HD 2009, DL 784-3]
Awn or scurs : Presence	Awns present [PBW 322, PBW 343]
Outer glume: Pubescence	Absent [AKW 381]
Ear : Colour	White[HD 2009, AKW 1071]
Season type	Spring type [PBW 373, PBW 322]
Grain hardness	Hard [NP 4, K 68]

B. Distinct Characteristics:
HD 2987 (PUSA BAHAR) has distinguishing characters like medium awn attitude, medium lower glume shoulder width, elevated lower glume shoulder shape and bent peduncle attitude.

C. Reference varieties:
1. PBW 343: It has distinguishing characters like spreading awn attitude, broad lower glume shoulder width, square lower glume shoulder shape and straight peduncle attitude.
2. HD 2687: It has distinguishing characters like like spreading awn attitude, broad lower glume shoulder width, square lower glume shoulder shape and straight peduncle attitude.

D. Date of commercialization of the variety	Commercialized since 19 th October 2009.
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E. Photographs: (Not provided)

भारतीय पौधा किस्म जरनल खंड - 06, अंक - 02, 01 फरवरी, 2012 में
अधिसूचित प्रत्याशी किस्मों के चित्र

**Photograph of candidate varieties notified in Plant Variety Journal of India,
Vol. - 06, No.- 02, February 01, 2012**

चित्र 01:

Figure 01: Black gram: NUL-7 (Vishwas)



चित्र :

Figure 01a: General view of leaf shape



चित्र :

Figure 01b: View of pod type



चित्र :

Figure 01c: View of seeds

चित्र 02:

Figure 02: Tetraploid Cotton: INDAM-1



चित्र :

Figure 02a: View of petal colour



चित्र :

Figure 02b: View of flower stigma
and pollen colour

चित्र 03:

Figure 03: Sorghum: NSH-54



चित्र :

Figure 03: View of crop

चित्र 04:

Figure 04: Pearl millet: Nirmal-40 (NPH-40)



चित्र :
Figure 04a: View of spike



चित्र :
Figure 04b: View of node and internode



चित्र :
Figure 04c: View of blade



चित्र :
Figure 04d: View of spike



चित्र :
Figure 04e: View of spike anther colour

चित्र 05:

Figure 05: Tetraploid Cotton: BIO 60254I2



चित्र :
Figure 05a: View of leaf



चित्र :
Figure 05b: View of boll

चित्र 06:

Figure 06: Rice: Silky-277



चित्र :

Figure 06a: View of crop



चित्र :

Figure 06b: View of seed

चित्र 07:

Figure 07: Maize: NSCL-63 (SWEET CORN)



चित्र :

Figure 07a: General view of leaf and silk



चित्र :

Figure 07b: General view of tassel



चित्र :

Figure 07c: General view of glumes and anther



चित्र :

Figure 07d: General view of ear and kernel

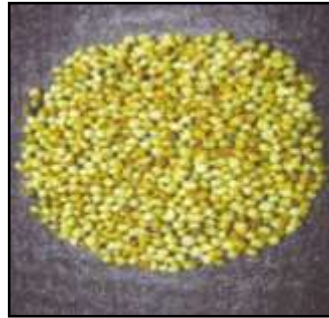
चित्र 08:

Figure 08: Pearl millet: KBR 864



चित्र :

Figure 08a: View of anther colour & tip sterility



चित्र :

Figure 08b: View of colour of

चित्र 09:

Figure 09: Brinjal/ Eggplant: MEBH 39-Improved



चित्र :

Figure 09: View of general shape, colour of skin at commercial harvest, stripes, colour of calyx and spininess of fruit

चित्र 10:

Figure 10: Tomato: ANVITHA-1032



चित्र :

Figure 10a: View of stem length



चित्र :

Figure 10b: View of fruit intensity of green colour



चित्र :

Figure 10c: View of number of fruit locules

चित्र 11:

Figure 11: Cauliflower: HOT QUEEN



चित्र :

Figure 11: View of curd

चित्र 12:

Figure 12: Cauliflower: NCFD-56



चित्र :

Figure 12: View of curd

चित्र 13:

Figure 13: Cauliflower: NCFD-53



चित्र :

Figure 13: View of curd

चित्र 14:

Figure 14: Tomato: IMPROVE BHAGYA



चित्र :

Figure 14a: View intensity of green colour of fruit



चित्र :

Figure 14b: View of fruit ribbing at peduncle end

चित्र 15:

Figure 15: Tomato: IMPROVE SHREYA



चित्र :

Figure 15a: View of Internode stem length



चित्र :

Figure 15b: View of fruit ribbing at peduncle end

चित्र 16:

Figure 16: Okra: MHOK 64



चित्र :

Figure 16: View of colour of flower petal base

चित्र 17:

Figure 17: Okra: MHOK 55



चित्र :

Figure 17: View of colour of flower petal base

चित्र 18:

Figure 18: Tomato: MHTM 256



चित्र :

Figure 18: View of shape in longitudinal section, ribbing at peduncle end and colour at maturity of fruit

चित्र 19:

Figure 19: Tomato: MHTM 301



चित्र :

Figure 19: View of green shoulder (before maturity), ribbing at peduncle end and colour at maturity of fruit

चित्र 20:

Figure 20: Brinjal/ Eggplant: SBJH-801



चित्र :

Figure 20: View of general shape, colour of skin at commercial harvest, intensity of green colour of skin, fruit patches, glossiness at harvest maturity, size and colour of calyx and length of peduncle of fruit.

चित्र 21:

Figure 21: Brinjal/ Eggplant: SBJH-033



चित्र :

Figure 21: View of length, general shape, curvature, colour of skin at commercial harvest, intensity of purple colour of skin, glossiness at harvest maturity, size and colour of calyx and length of peduncle of fruit.

चित्र 22:

Figure 22: Eggplant: SBJH-123-IMPROVED



चित्र :

Figure 22: View of fruit

चित्र 23:

Figure 23: Eggplant: SBJH-305



चित्र :

Figure 23: View of fruit

चित्र 24:

Figure 24: Maize: IG 8011



चित्र :

Figure 24a: View of crop



चित्र :

Figure 24b: View of tassel attitude



चित्र :

Figure 24c: View of kernel

चित्र 25:

Figure 25: Maize: IG 8006



चित्र :

Figure 25a: View of crop



चित्र :

Figure 25b: View of attitude of blade



चित्र :

Figure 25c: View of kernel

चित्र 26:

Figure 26: Okra: BIO 228 H



चित्र :

Figure 26: View of leaf blade

चित्र 27:

Figure 27: Tomato: RX15660814



चित्र :

Figure 27a: View of plant



चित्र :

Figure 27b: View of fruit

चित्र 28:

Figure 28: Tomato: RX15640414



चित्र :

Figure 28a: View of plant



चित्र :

Figure 28b: View of fruit

चित्र 29:

Figure 29: Tomato: RX15672356



चित्र :

Figure 29a: View of plant



चित्र :

Figure 29b: View of fruit

चित्र 30:

Figure 30: Tomato: RX15660635



चित्र :

Figure 30a: View of plant



चित्र :

Figure 30b: View of fruit

चित्र 31:

Figure 31: Cauliflower: RX10950175



चित्र :

Figure 31: View of curd knobbing

PUBLIC NOTICE

Sub: Advertisement is given under sub-section (2) and (3) of Section 21 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 for registration of farmers' variety [Section 2(j)(ii)] read with Rules 30 and 31 of PPV & FR Rules, 2003

It is hereby advertised that the application (s) for registration of farmers' varieties (falling within the definition of extant variety) listed herein have been accepted by the Registrar, Protection of Plant Varieties & Farmers' Rights Authority. The passport data of each variety furnished by the applicant are herewith advertised as specified for calling objections from the interested persons in the matter.

The place or places where the specimen of the variety may be inspected can be obtained in writing from the Registrar of the PPV & FR Authority.

Any person may, within three months from the date of advertisement of the application(s) give notice of opposition in writing to the registration of variety (as per Form PV-3 of the First Schedule of PPV&FR Rules, 2003). Oppositions, if any, to the registration must be submitted, in triplicate, to the Registrar, PPV&FRA, NASC Complex, DPS Marg, New Delhi -110 012 accompanied with the fee of Rs.1,500/- (Rupees One Thousand and Five Hundred Only) by way of Demand Draft drawn in favour of "The Registrar, PPV & FR Authority" payable at New Delhi.

FORM O - 1
(See Rule 30)
Government of India, Plant Varieties Registry
Advertisement of accepted application for registration

01. Application No.

F2	TA 5	09	284
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 filed on 09/06/2009 by **Dr. PN Minhas , Director of Research, Punjab Agricultural University, Ludhiana, Punjab- 141 004** on behalf of **Kuldeep Singh Sandhu S/o S. Faujadar Singh Sandhu, Village & Post office Banur, District Patiala, Punjab, India** for a **Farmers' variety** of crop **Bread Wheat** [*Triticum aestivum* L.] having denomination **Wheat Ravi No. 1**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ----
----NA -----on ----- NA -----.

The convention application no. ----NA-----, in respect of the said variety has been filed on ----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety KUDRAT 9:

Applicant : Shri Prakash Singh Raghuvanshi
Address of the Applicant : Village – Tadiya, Dhandhorpur, Post – Jakhini,
Varanasi, Uttar Pradesh – 221 305, India
Nationality of Applicant : Indian

Application details

a. Number :

F2	TA5	09	284
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b. Date of receipt : 09.06.2009
C. Date of acceptance : 07.11.2011

Crop (Taxonomical Lineage) : Bread Wheat [*Triticum aestivum* L.]

Denomination : Wheat Ravi No. 1

Type of Variety : Farmers' variety

Classification of Variety : Typical

Previously proposed Denomination : Not applicable

Name of Parental Material : Single plant selection from C 273

Name of Reference Varieties : Tawa 267 & KSML 3

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Flag leaf: Anthocynin colouration of auricles	Absent
Ear: Time of emergence (first spikelet visible on 50% of ears)	Late
Plant: Length (excluding awns/ scurs)	Long
Awns or scurs: Presence	Awns present
Outer glume: Pubescence	Very strong
Ear: Colour	Light brown
Season: Type	---
Grain: Hardness	Semi hard

B. Distinct Characteristics:

Wheat Ravi No. 1 has distinguishing characters like green foliage colour, strong flag leaf waxiness of blade, parral sided ear shape in profile, very strong outer glume pubescence, medium lower glume shaller width (spikelets in third of ear), straight lower glume beak shape and medium grain colouration of phenol.

C. Reference varieties:

1. Tawa 267 has distinguishing characters like pale green foliage colour, medium flag leaf waxiness of blade, tapering ear shape in profile, absence of outer glume pubescence, medium lower glume shaller width (spikelets in third of ear), moderately curved lower glume beak shape and very strong grain colouration of phenol.

2. KSML 3 has distinguishing characters like pale green foliage colour, medium flag leaf waxiness of blade, tapering ear shape in profile, absence of outer glume pubescence, narrow

lower glume shaller width (spikelets in third of ear), moderately curved lower glume beak shape and very strong grain colouration of phenol.

D. Date of commercialization of the variety

E. Photographs: (Not provided).